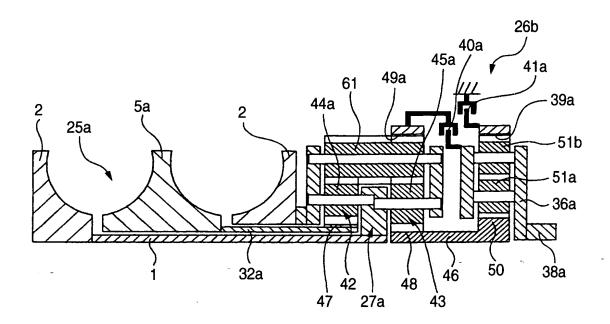
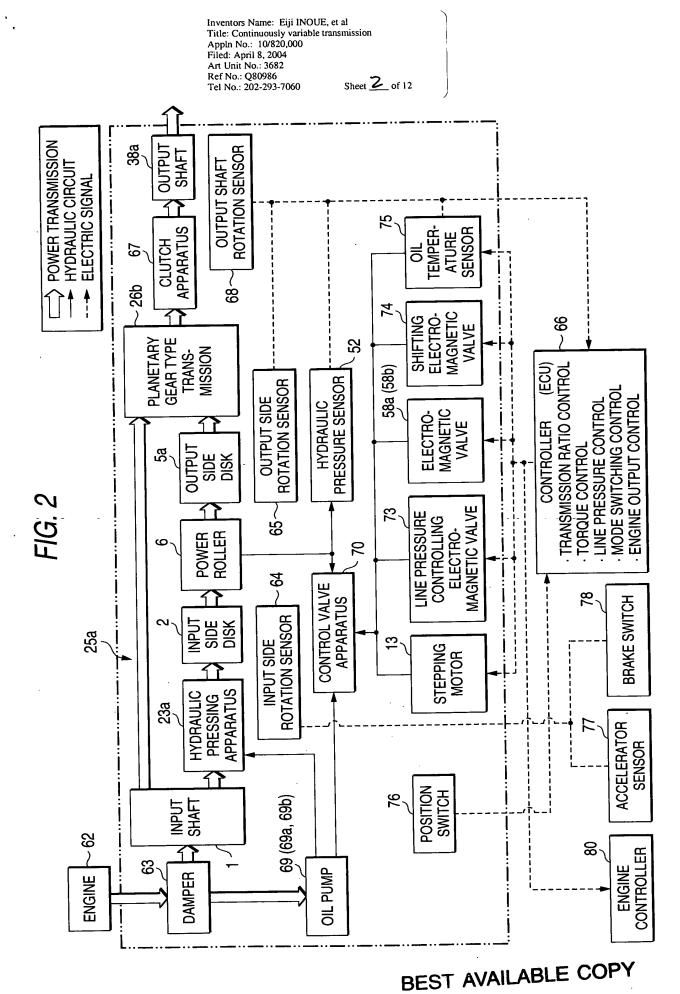


Sheet \_\_\_ of 12

FIG. 1





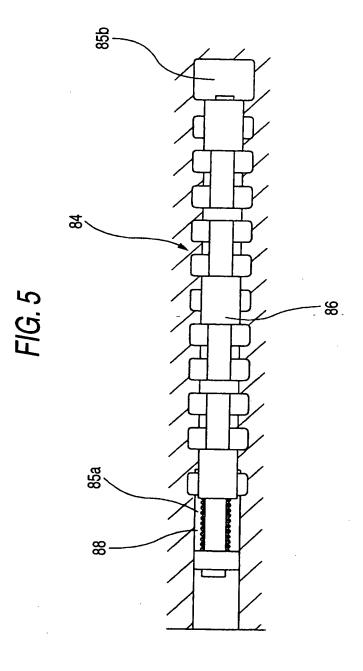
Inventors Name: Eiji INOUE, et al Title: Continuously variable transmission Appln No.: 10/820,000 Filed: April 8, 2004 Art Unit No.: 3682 Ref No.: Q80986 Tel No.: 202-293-7060 Sheet \_ <u>ろ</u> of 12 -82a 69a ₩ LOADER PRIMARY REGULATOR 40a (40) 826 LOW/C VALVE 2 PRIMARY SOL MANUAL VALVE SECONDARY PRESSURE PS (0.45MPa) 33 PRIMARY PRESSURE PL (0.5 - 3.0MPa) HIGH/C VALVE 2  $\alpha$ 8, SHFUT SOL 74 62 41a (41) <u>∞</u> OAD SOL B 29 P P 58b LOAD SENSING VALVE 57 <u>ف</u> 56b OAD SOL A 8 LOAD REGULATOR  $\overline{\mathbf{c}}$ 55 품 + 0+ 8 O

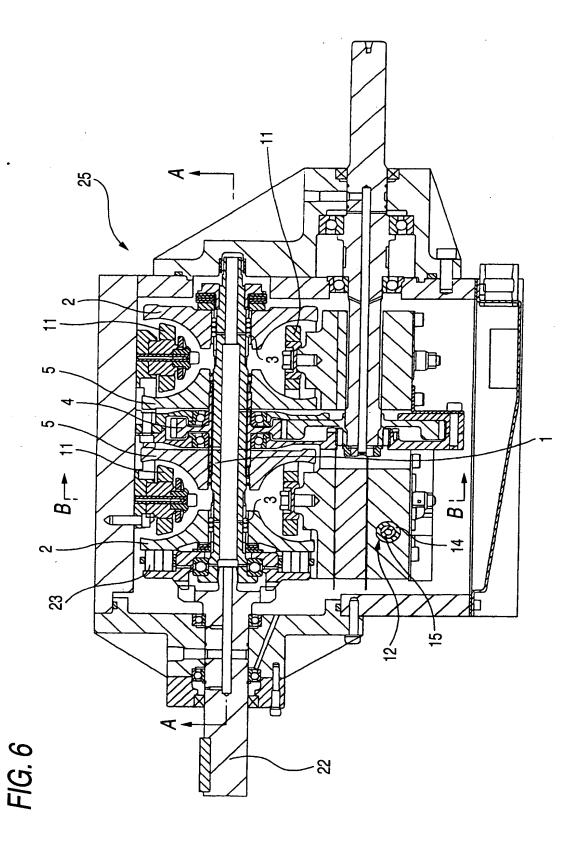
53 5

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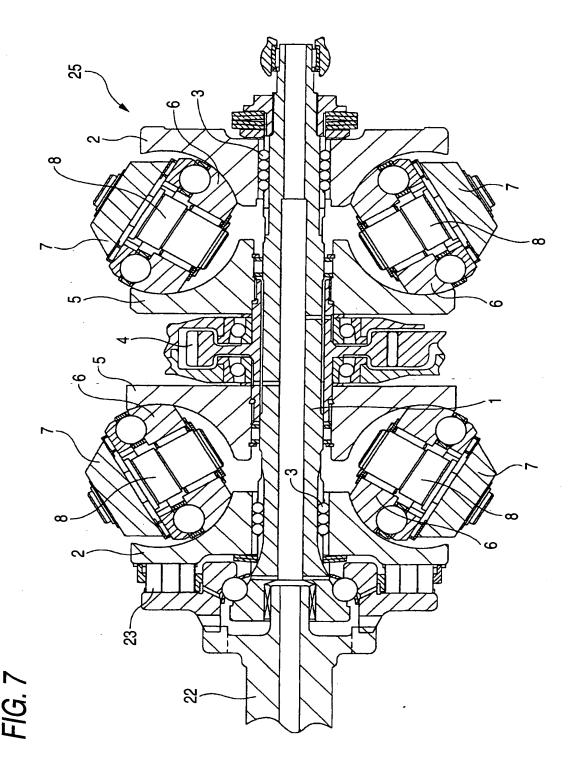
8

Inventors Name: Eiji INOUE, et al Title: Continuously variable transmission Appln No.: 10/820,000 Filed: April 8, 2004 Art Unit No.: 3682 Ref No.: Q80986 Sheet U\_ of 12 Tel No.: 202-293-7060 SECONDARY PUMP 15cc/rev GEAR PUMP ASSY PRIMARY PRESSURE PL (0.5 - 5.7MPa) FWD: IAPI REV: I-API JUP/C 82è 8 PHC NODE IS LOW FWD:I-∆PI REV:I∆PI LDNRP IAPOI IAPOI .57a 96 NORMAL 88 97b -56b 18 LOAD REGULATOR IΔPI 95 -8 96 15 85a) 84, O 0 33 5.





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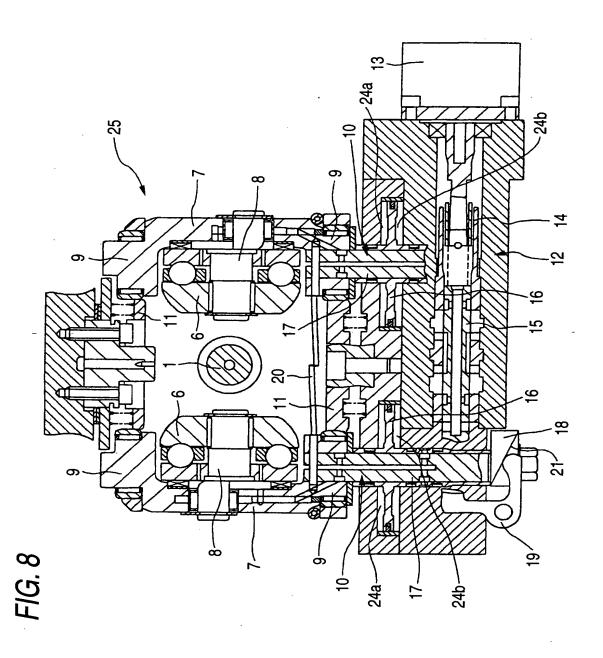


FIG. 9

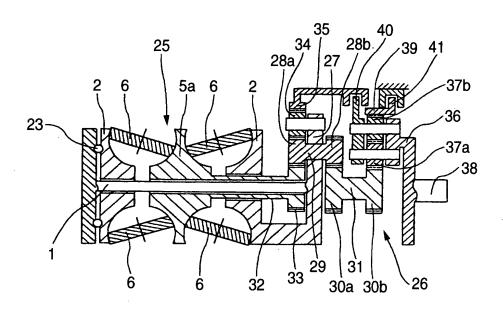
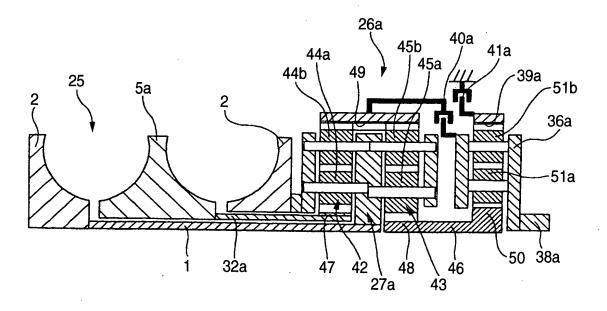


FIG. 10



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Inventors Name: Eiji INOUE, et al

Title: Continuously variable transmission Appln No.: 10/820,000 Filed: April 8, 2004 Art Unit No.: 3682 Ref No.: Q80986

Sheet 10 of 12 Tel No.: 202-293-7060

FIG. 11

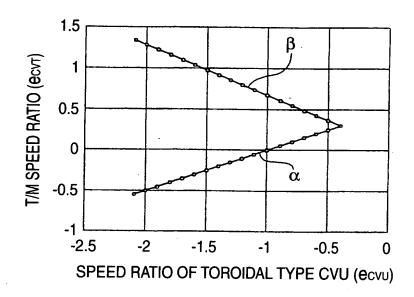
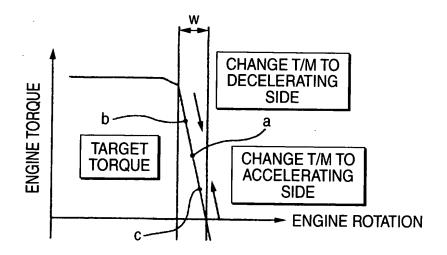
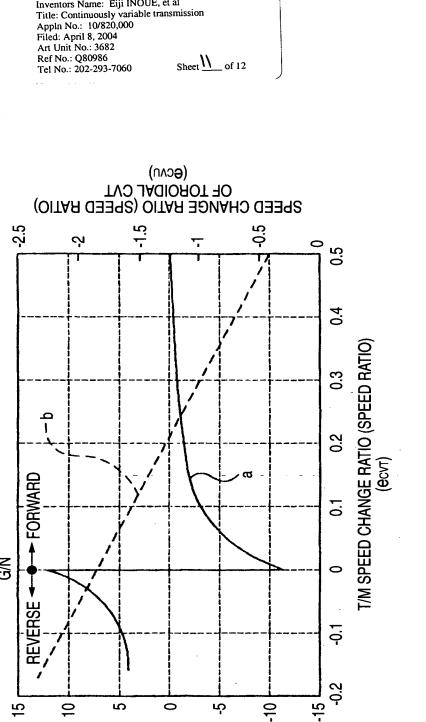


FIG. 12



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(TCVU/TIN)
PASSING TORQUE OF TOROIDAL CVT/
ENGINE TORQUE

